

Underutilized Locations for Passenger Train Analysis

Thursday, October 23, 2025 5:20 PM (20 minutes)

This research examines contemporary demand for passenger trains. Amtrak is currently the leading provider of regional passenger train service in the United States. The study area for this research is New York state, New Jersey and Pennsylvania. The greater New York City area including these three states are a major hub for these trains. But in central New York state and Pennsylvania there are many old industrial areas that are no longer being serviced; and many of these areas could greatly benefit from a passenger train being re-established.

This research addresses these questions: Where in the study area could Amtrak passenger service be re-established?

By utilizing ArcGIS Pro, datasets of predicted population data and pre-existing railways can be used. Overlapping areas with this data can be identified as viable options. Towns/cities within a 30min drive time will not be considered, narrowing the focus to areas with no current available stations. By combining these datasets, towns/cities with railways, increasing population and no near stations can be identified to focus on areas where an Amtrak station would be beneficial.

Organized Session Details

Is there a SINGLE day you are unavailable to present?

October 25, 2025

Is there a time of day you are unavailable to present?

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